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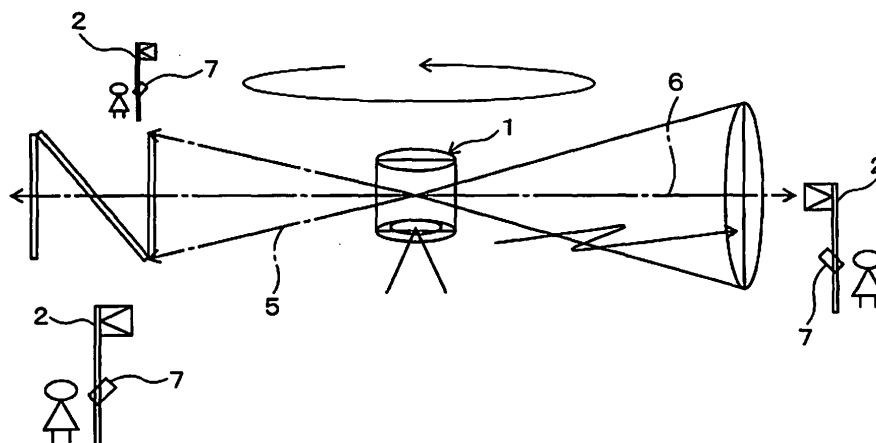
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(54) **Measuring system**

(57) A measuring system includes a measuring apparatus provided at an already-known point, a plurality of light-receiving apparatuses provided at measured points, and a main calculating apparatus for instructing to the measuring apparatus and to the light-receiving apparatus, the measuring apparatuses including a wireless communication section for communicating a measurement data with the light-receiving apparatus or with the main calculating apparatus, wherein the measurement data includes an angle detected by the emission-direct-

tion detecting section and a distance measured by the distance-measuring section, the light-receiving apparatus including a light-receiving side wireless communication section communicating the measurement data of the measured point with the measuring apparatus or with the main calculating section, the main calculating sections including a main memory collecting and storing the measurement data which is measured by the measuring apparatus and by the plurality of light-receiving apparatuses.

Fig. 1





EUROPEAN SEARCH REPORT

Application Number
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			TECHNICAL FIELDS SEARCHED (IPC)
			G01C
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 13 April 2012	Examiner Kuhn, Robert
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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